Stanford

Gabe M. Barrón

- Ph.D. Student in Immunology, admitted Autumn 2020
- REACH Postbac Research Program - Program Leader, EPS - Diversity, Equity & Inclusion

Bio

HONORS AND AWARDS

- DARE (Diversifying Academia, Recruiting Excellence) Fellowship, Stanford VPGE (2024-2026)
- Predoctoral Fellowship, Ford Foundation (2022-2025)
- Stanford Interdisciplinary Graduate Fellowship (SIGF), Stanford VPGE (2022-2025)
- Gates Millennium Scholar, Bill and Melinda Gates Foundation (2016–2024)

EDUCATION AND CERTIFICATIONS

- B.S. (Hons), University of Chicago , Biological Sciences (2020)

Research & Scholarship

RESEARCH INTERESTS

- Equity in Education
- Research Methods
- Science Education

LAB AFFILIATIONS

- Michael Howitt, Howitt Lab (6/22/2021 - - 6/20/2025)

Publications

PUBLICATIONS

- **Intestinal tuft cell immune privilege enables norovirus persistence.** *Science immunology*
  Strine, M. S., Fagerberg, E., Darcy, P. W., Barron, G. M., Filler, R. B., Alfajaro, M. M., D'Angelo-Gavrish, N., Wang, F., Graziano, V. R., Menasche, B. L., Damo, M., Wang, Y., Howitt, et al
  2024; 9 (93): eadi7038

- **Tuft cells mediate commensal remodeling of the small intestinal antimicrobial landscape.** *Proceedings of the National Academy of Sciences of the United States of America*
  Fung, C., Fraser, L. M., Barrón, G. M., Gologorsky, M. B., Atkinson, S. N., Gerrick, E. R., Hayward, M., Ziegelbauer, J., Li, J. A., Nico, K. F., Tyner, M. D., DeSchepper, L. B., Pan, et al
  2023; 120 (23): e2216908120

- **Gut microbiota modulates bleomycin-induced acute lung injury response in mice.** *Respiratory research*
  Yoon, Y. M., Hrusch, C. L., Fei, N., Barrón, G. M., Mills, K. A., Hollinger, M. K., Velez, T. E., Leone, V. A., Chang, E. B., Sperling, A. I.
  2022; 23 (1): 337

- **Gut microbiota modulate susceptibility to bleomycin-induced lung injury**
  Yoon, Y., Barron, G. M., Hrusch, C. L., Fei, N., Leone, V. A., Sperling, A. I.
  AMER ASSOC IMMUNOLOGISTS.2021

- **P311 Promotes Lung Fibrosis via Stimulation of Transforming Growth Factor-β1, -β2, and -β3 Translation.** *American journal of respiratory cell and molecular biology*
  Duan, F. F., Barron, G., Meliton, A., Mutlu, G. M., Dulin, N. O., Schuger, L.
  2019; 60 (2): 221-231